

CLAIMS

1. An identification information managing system comprising a reissue terminal unit for accepting reissue of a ticket or card embedded with an IC chip, a local server for managing utilization of said ticket or card, and a center server for managing a ticket/card ID of the ticket or card corresponding to an IC chip ID of said IC chip, wherein

said reissue terminal unit reads a new IC chip ID of a new ticket or card after reissue from said new ticket or card and besides receives an input of an old ticket/card ID of an old ticket or card before the reissue so as to transmit to said center server said new IC chip ID and said old ticket/card ID together with a reissue request message;

said center server retrieves whether said old ticket/card ID exists and when determining that said old ticket/card ID exists, transmits to said reissue terminal unit a reissue permission message and transmits to said local server at least one of an old IC chip ID corresponding to said old ticket/card ID and said old ticket/card ID, said new ticket/card ID and said new IC chip ID, together with reissue notification message; and

said local server makes said new ticket/card ID and said new IC chip ID valid in place of said old ticket/card ID and said old IC chip ID.

2. An identification information managing system

according to claim 1 further comprising a utilization terminal unit for accepting utilization of said ticket or card, wherein

said utilization terminal unit receives an input of an ID of said ticket or card from a utilizer of said ticket or card and transmits said ticket/card ID to said local server;

said local server transmits said ticket/card ID to said center server;

said center server retrieves whether said ticket/card ID exists and when determining that said ticket/card ID exists, transmits an IC chip ID corresponding to said ticket/card ID to said local server; and

said local server stores said ticket ID and said IC chip ID by making the correspondence therebetween.

3. A center server capable of managing identification information for managing a ticket/card ID of a ticket or card and an IC chip ID of an IC chip embedded in said ticket or card by making the correspondence therebetween, comprising:

a reception processing unit for receiving a new IC chip ID of a new ticket or card after reissue and an old ticket/card ID of an old ticket or card, together with a reissue request message, from a reissue terminal unit for said ticket or card;

a retrieval unit for retrieving whether said

old ticket/card ID exists; and

a transmission processing unit for transmitting, when the existence of said old ticket/card ID in the database is determined, a reissue permission message to said reissue terminal unit and transmitting at least one of an old chip ID corresponding to said old ticket/card ID and said old ticket/card ID and said new IC chip ID, together with a reissue notification message, to a local server.

4. A center server according to claim 3 further comprising an update processing unit responsive to a reissue of said ticket or card to update the relation between new and old tickets or cards in said database.

5. A center server according to claim 3, wherein said transmission processing unit transmits to said local server information of the relation between new and old tickets or cards accompanied by the reissue of said ticket or card.

6. An identification information managing method aided by a computer for managing a ticket/card ID of a ticket/card and an IC chip ID of an IC chip embedded in said ticket or card by making the correspondence therebetween, wherein

a database stores said ticket/card ID in correspondence with said IC chip ID;

a reception processing unit of said computer receives a new IC chip ID of a new ticket or card after reissue and an old ticket/card ID of an old ticket or

card before reissue, together with a reissue request message, from a reissue terminal unit for said ticket or card;

a retrieval unit of said computer retrieves whether said old ticket/card ID exists in said database; and

a transmission processing unit of said computer transmits, when the existence of said old ticket/card ID in said database is determined, a reissue permission message to said reissue terminal unit and transmits at least one of an old IC chip ID corresponding to said old ticket/card ID and said old ticket/card ID and said new IC chip ID, together with a reissue notification message, to a local server.

7. An identification information managing system comprising a utilization terminal unit for receiving utilization of a ticket or card embedded with an IC chip and a local server for managing utilization of said ticket or card, wherein

said utilization terminal unit receives an input of an ID of said ticket or card from a utilizer of said ticket or card and transmits said ticket/card ID to said local server;

said local server transmits said ticket/card ID to a center server for managing an IC chip ID of said IC chip and a ticket/card ID of a ticket or card embedded with said IC chip by making the correspondence therebetween; and

said local server receives, when it is confirmed by said center server that said ticket/card ID exists in correspondence with said IC chip ID, said IC chip ID corresponding to said ticket/card ID from said center server and stores said ticket ID and said IC chip ID by making the correspondence therebetween.

8. A service providing apparatus for providing service to a possessor of a ticket comprising:

a memory unit for holding a plurality of pieces of identification information of a ticket utilizable for service;

a read unit for reading the identification information of said ticket;

an inspection unit for inspecting whether the readout identification information of said ticket coincides with one of the pieces of information held in said memory unit;

a reception unit for receiving information concerning a reissue; and

a rewrite unit for rewriting the identification information held in said memory unit on the basis of the reissue information received by said reception unit.

9. A service providing method aided by a computer for providing service to a possessor of a ticket, wherein

a read unit of said computer reads identification information of said ticket;

an inspection unit of said computer inspects whether the readout identification information of said ticket coincides with one piece of identification information held in a memory unit for holding a plurality of pieces of identification information of a ticket utilizable for service;

a reception unit of said computer receives information concerning a reissue; and

a rewrite unit of said computer rewrites the identification information held in said memory unit on the basis of the reissue information received by said reception unit.